

Title (en)

CONTROL CHANNEL TRANSMISSION METHOD, BASE STATION AND TERMINAL

Title (de)

STEUERKANAL-ÜBERTRAGUNGSVERFAHREN, BASISSTATION UND ENDGERÄT

Title (fr)

PROCEDE DE TRANSMISSION PAR UN CANAL DE SIGNALISATION, STATION DE BASE ET TERMINAL

Publication

EP 1835631 A4 20120222 (EN)

Application

EP 04807981 A 20041228

Priority

JP 2004019626 W 20041228

Abstract (en)

[origin: EP1835631A1] An object is to provide a control channel transmitting method, a base station and a terminal for improving total throughput without reduction of data channel transmission efficiency, and a configuration is made such as to have the step of selecting one control channel format from among a plurality of control channel formats having different information amounts according to a predetermined condition, and the step of transmitting a control channel with use of the thus-selected control channel format.

IPC 8 full level

G06F 21/10 (2013.01); **H04B 1/69** (2011.01); **H04B 1/707** (2006.01); **H04B 7/26** (2006.01); **H04J 1/00** (2006.01); **H04J 13/00** (2011.01); **H04J 99/00** (2009.01); **H04L 1/00** (2006.01); **H04N 21/4623** (2011.01); **H04N 21/4627** (2011.01); **H04W 28/18** (2009.01); **H04W 72/00** (2009.01); **H04W 72/04** (2009.01)

CPC (source: EP KR US)

H04B 7/0413 (2013.01 - KR US); **H04L 1/0001** (2013.01 - US); **H04L 1/0006** (2013.01 - EP KR US); **H04L 1/0025** (2013.01 - EP KR US); **H04L 1/0029** (2013.01 - EP KR US); **H04L 1/003** (2013.01 - EP KR US); **H04L 1/0075** (2013.01 - KR); **H04L 1/1812** (2013.01 - KR); **H04W 52/262** (2013.01 - US); **H04W 72/00** (2013.01 - EP US); **H04W 72/04** (2013.01 - KR); **H04W 72/20** (2023.01 - KR US); **H04W 72/23** (2023.01 - KR US); **H04L 1/0075** (2013.01 - EP US); **H04L 1/1812** (2013.01 - EP US); **H04L 5/1453** (2013.01 - US)

Citation (search report)

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- [X] US 6496496 B1 20021217 - RAMAKRISHNA DEEPA [US], et al
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Citation (examination)

EP 1404048 A1 20040331 - LUCENT TECHNOLOGIES INC [US]

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Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1835631 A1 20070919; EP 1835631 A4 20120222; CN 101091328 A 20071219; CN 101091328 B 20150826; EP 3128678 A1 20170208; EP 3128678 B1 20171213; JP 4637860 B2 20110223; JP WO2006070466 A1 20080612; KR 101027572 B1 20110406; KR 101027575 B1 20110406; KR 101073738 B1 20111013; KR 20070086701 A 20070827; KR 20090110884 A 20091022; KR 20110018469 A 20110223; KR 20110045104 A 20110503; US 2007248041 A1 20071025; US 2010074229 A1 20100325; US 2013107839 A1 20130502; US 2014226598 A1 20140814; US 2014376503 A1 20141225; US 2015195825 A1 20150709; US 8254341 B2 20120828; US 8374189 B2 20130212; US 8737341 B2 20140527; US 8861542 B2 20141014; US 9019980 B2 20150428; US 9432976 B2 20160830; WO 2006070466 A1 20060706

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